

AMNIOTIC APOPTOSIS MODULATING SUBSTANCES

5     **ABSTRACT OF THE INVENTION**

          This invention is directed to methods of obtaining  
          compounds from human amniotic tissue and/or by  
          synthesizing these compounds by chemical and genetic  
10     engineering methods known in the art that modulate  
          apoptosis in animals, including humans, their  
          preparation, their applications in human conditions  
          for the treatment of all disease conditions and  
          other conditions in which apoptosis occurs and in  
15     laboratory tests for diagnostic studies and other  
          potential uses. The invention describes methods of  
          obtaining compositions that modulate apoptosis and  
          compositions obtained thereby. These compositions  
          are herein referred to as Amnion Apoptosis  
20     Modulators (AAM). AAM includes materials comprised  
          of biologically active factors found in amniotic  
          tissue and amniotic fluid associated therewith. AAM  
          could be manufactured from the amniotic tissue of  
          mammalian origin - human, pig etc. All AAMs,  
25     derived from amnions or chemically or genetically  
          prepared are physiologically acceptable for  
          administration in amount sufficient to modulate  
          apoptosis. The invention encompasses methods of use  
          of the AAMs.

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